

Kennebunkport, Maine

SPECIFICATIONS

SINGLE AXLE DUMP TRUCK

Public Works Department

Contract No. 2016-01

TOWN OF KENNEBUNKPORT

Laurie Smith, Town Manager

June 24, 2015

Public Works Department
6 Elm Street
Kennebunkport, Maine 04046
(207) 967-4243
FAX (207) 967-8470

BID DUE DATE: Tuesday, July 7, 2015, 1:00 p.m.

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INVITATION TO BID

The Town of Kennebunkport, Maine will receive sealed bids at Kennebunkport Town Hall, 6 Elm Street, Kennebunkport, Maine until 1:00 p.m., Tuesday, July 7, 2015 for furnishing of a SINGLE AXLE DUMP TRUCK for the Public Works Department.

A complete set of the bid documents may be obtained from the Public Works Department, 105 Beachwood Avenue, (967-5728) at no charge. Bids shall be submitted in sealed envelopes with the name and address of the Bidder and clearly marked "SINGLE AXLE DUMP Bid" on the face of the envelope.

Bids shall be submitted on the provided forms in accordance with the Information for Bidders. No Bidder may withdraw a bid within thirty (30) days after opening thereof.

The Owner reserves the right to waive any informality in or to reject any and all bids.

Michael Claus, PE

Director PWD

GENERAL INFORMATION

SECTION 1

1.01 INFORMATION FOR BIDDERS

- A. Sealed unit price proposals will be received by the Town of Kennebunkport, Maine up until 1:00 p.m., Tuesday, July 7, 2015.
- B. Bids shall be submitted on the attached "Bid Proposal Form" and shall be signed by an authorized person indicating full knowledge and acceptance of the specifications. The sealed bid shall be submitted to the Public Works Director and the envelope shall be clearly marked with the name and address of the bidder and the specific contract for which the bid is being submitted.
- C. No bidder may withdraw his bid within thirty (30) days after July 7, 2015.
- D. Qualified bids will be deemed to be only bids from equipment manufacturer's or from authorized dealers of such manufacturers.
- E. Each Bidder shall indicate on the appropriate place on the Bid Proposal Form the manufacturer and product name for the equipment to be supplied under this bid. Literature describing the physical and performance characteristics of the equipment bid shall be attached and included with the bid. All such descriptive literature furnished shall be clearly marked (underline specific items in red or highlight the items) to indicate the specific equipment to be furnished under this bid (do not submit any brochures without first marking the item to be supplied if more than one selection or option is shown in the catalog). The Town, however, reserves the right to request additional information deemed necessary for proper evaluation of bids.
- F. Each Bidder shall fully complete and submit with the bid the attached "Detailed SINGLE AXLE DUMP TRUCK Specifications" form. Failure to complete and submit the attached form will be grounds for rejection of the bid.
- G. The firm submitting a bid will be held responsible to insure the dump body, the vehicle chassis and running gear, and all controls are completely compatible. Failure to provide compatible equipment will result in the Town of Kennebunkport refusal to accept the truck.

1.02 BID COMPLIANCE

- A. The Town of Kennebunkport will regard all bids received as an agreement by the Bidder to conform to all items of these specifications. If the equipment offered differs from the provisions contained in this specification, such differences must be explained in detail, and the bid will receive careful consideration if such differences do not depart from the intent of this specification and are to the best interest of the Town.
- B. The Manufacturer's name and model designation must be shown on the bid form in the designated spaces, however, that information is not sufficient evidence that the bidder is

taking exception to the detailed specification. If no exceptions or deviations are specifically shown and explained, equipment shall be furnished exactly as specified.

1.03 DELIVERY

- A. The SINGLE AXLE DUMP TRUCK shall be delivered as soon as possible and guaranteed delivery may be considered in making the award. Delivery time shall be expressed on the bid proposal form in the space provided (in number of calendar days required to make delivery after receipt of a purchase order).
- B. The SINGLE AXLE DUMP TRUCK shall be delivered to the Public Works Department at 105 Beachwood Avenue, Kennebunkport, Maine. The bidder shall be responsible for ensuring all required equipment and modifications, as necessary, have been made to the SINGLE AXLE DUMP TRUCK prior to delivery.

1.04 DELIVERY CONDITION

- A. The SINGLE AXLE DUMP TRUCK delivered shall be in strict accordance with these specifications. If the vehicle is delivered with deviations or improper servicing, the Bidder must arrange to have the necessary work done within five (5) business days after notification from the Town of Kennebunkport.
- B. Provide one (1) copy each of the Maintenance and Operational Manual and Parts List for the electrical, mechanical and hydraulic equipment furnished with the vehicle (See Detailed Specifications for further requirements).

1.05 TAX EXEMPTION

- A. The Town of Kennebunkport (a municipal government) is an exempt entity under law of the State of Maine and is, therefore, exempt from payment of the State of Maine sales or use tax on purchases made directly for its own use. These taxes are not to be included in the bid prices for any equipment, materials and supplies sold to the Town under this Contract.
- B. The Town of Kennebunkport is exempt from Federal Excise Tax and Federal Transportation Tax on all equipment, materials and supplies sold to the Town for its own use. These taxes are not to be included in the bid prices under this contract.

1.06 GUARANTEE

- A. The Bidder guarantees that the SINGLE AXLE DUMP TRUCK furnished under this bid is a new and unused product of regular manufacture.
- B. The decision of the Public Works Director as to reasonable compliance with these specifications and guarantee shall be final.
- C. The manufacturer's standard warranty shall apply to the vehicle and warranty service shall be gratis at any dealer's shop in Maine.

- D. The successful Bidder shall further guarantee the vehicle and all equipment furnished for a period of one (1) year from date of delivery. This guarantee shall include defective materials and workmanship. If, during this period, warranty repairs and/or parts replacement become necessary due to defective materials and/or workmanship, all labor and material to make satisfactory repair shall be furnished at no cost to the Town by the Bidder.

1.07 BASIS FOR AWARD

- A. The Town reserves the right to reject any and all bids. The Town will accept the bid most advantageous to the Town, not necessarily the lowest bid. Alternative quotations will be considered only when clearly explained. They will be considered only if the specifications are met and the alternatives are submitted as an alternative bid.
- B. Bids shall be submitted in a sealed envelope or package with the type of bid clearly indicated on the outside.
- C. The Town of Kennebunkport reserves the right to accept or reject any or all bids in whole or in part, to waive any formality and technicality in any bid and to accept any item or items in any bid. The Town reserves the right to accept or reject any or all bids as may best serve the interest of the Town.
- D. The base bid price quoted shall be the net amount and shall include all costs necessary to furnish and deliver the SINGLE AXLE DUMP TRUCK as required by these specifications.

1.08 PAYMENT

- A. When the SINGLE AXLE DUMP TRUCK is delivered, the Town of Kennebunkport will review and verify the request for payment, and if the vehicle is in compliance with these specifications, process the request. However, if poor workmanship and/or minor deviations exist, the Town may withhold up to 20% of the contract price upon delivery and delay payment of the balance until the Bidder has made all necessary corrections.
- B. The Town may withhold the full payment of the contract price if, in its opinion, the SINGLE AXLE DUMP TRUCK contains major deviations from the specifications.
- C. The Town of Kennebunkport will pay the amount due upon delivery acceptance, within thirty (30) days after receipt of an invoice.

1.09 SERVICE

- A. Service by an authorized dealer for the cab and chassis, dump body and plow shall be available within a 50 mile radius of the Town of Kennebunkport.
- B. Prior to delivery, the vehicle furnished shall be completely serviced by the Bidder or by an authorized dealer of the manufacturer. Service to include; lubrication, fluids, filters and all other checks and adjustments required for proper servicing of a new vehicle.
- C. Particular attention shall be given to door alignment, weather stripping hardware, paint condition, tagging of cooling system and proper operation of all hydraulic systems.

- D. It shall be the Bidder's responsibility to insure at the time of servicing that all components and accessories specified have been properly installed.
- E. It shall be the Bidder's responsibility to insure at the time of servicing and delivery that the vehicle is fully operational and will meet all the requirements of the State of Maine for vehicle operation on Federal, State or local ways.

1.10 BILL OF MATERIALS

- A. Two (2) copies of a bill of materials or line-setting ticket shall be furnished with the vehicle when delivered. The bill of materials shall list by part number, capacity, size or otherwise, all major components of the vehicle engine, frame, transmission, drive line, axles, alternator, storage battery, fuel tank, etc.). The bill of materials shall be at least as comprehensive as the equipment manufacturer's line-set ticket.
- B. Identification plates listing data specifically applicable to the truck, body, dump body, etc., shall be permanently and conspicuously installed on the appropriate piece of equipment. Plates shall include at least the model and serial number.

END OF GENERAL INFORMATION SECTION

Bid Proposal Form - Contract No. 2016-01

SINGLE AXLE DUMP TRUCK

SUBMIT TO: Kennebunkport Town Manager
6 Elm Street
Kennebunkport, Maine 04046

BID DATE: Tuesday, July 7, 2015, 1:00 p.m.

The undersigned hereby certifies he/she has examined and fully comprehends the requirements of these specifications and drawings for the above project and offers to furnish all labor, materials, equipment, supplies and related to do the work as detailed for the following lump sum price.

Base Bid Amount \$ _____

Words: _____

Specify Vehicle
Make/Model Number: _____

Specify Body
Manufacture and
Model Number: _____

Name/Location of
Authorized Dealer: _____
Guaranteed Delivery Time (a/r/o): _____ Days (See Section 1.03)

NAME OF FIRM: _____

ADDRESS: _____

AUTHORIZED SIGNATURE: _____

PRINT NAME AND TITLE: _____

TELEPHONE: _____ **DATE:** _____

Required Attachments: 1. Completed Detailed Specifications
2. Descriptive Literature (marked up)

SINGLE AXLE DUMP TRUCK

SINGLE AXLE DUMP TRUCK:

Year: _____

Make: _____

Model: _____

DETAILED SPECIFICATIONS
SECTION 3 - PAGE 1

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
h. Chassis, single color, Epoxy Primer Black Powder Coat Paint	Yes	_____ Yes _____ No
3.01 Frame		
a. Frame Rails - Heat Treated Alloy Steel (1) 120,000 psi yield (2) 10.866 x 3.662 x 0.433	Yes Specify	_____ Yes _____ No _____
b. Resisting Bending Moment	2,654,400 in-lb	_____ Specify
c. Section Modulus	22.12 in ³	_____ Specify
d. Huck Bolt Frame Fasteners	Yes	_____ Yes _____ No
e. 2 front tow hooks	Yes	_____ Yes _____ No
f. Front cross member with mounting flange for hydraulic pump w/ integral front frame extension	Yes	_____ Yes _____ No
3.02 Front Axle		
a. I-Beam Type Axle, Wide Track Axle Capacity	Meritor MFS-18-133A 18,000 lbs.	_____ Specify
b. Springs, Front w/ shock absorbers 18,000 lbs. capacity	Yes	_____ Yes _____ No
c. Multi-leaf Shackle Type Springs w/ spring pins maintenance free (rubber bushings)	Yes	_____ Yes _____ No
d. Wing (right) Side Auxiliary Air Bag Front Springs – Driver Controlled	Yes	_____ Yes _____ No
3.03 Brakes		
a. Air dual system brakes for Straight Truck Application	Yes	_____ Yes _____ No
b. Front Brakes, Air Cam S-Cam	16.5" x 6.0" (includes 24 sq. in. Haldex Long Stroke Brake Chambers)	_____ x _____
c. Rear Brakes, Air Cam S-Cam	16.5" x 7.0" (Haldex 3030 Long Stroke Brake Chamber and HD Spring	

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
	Activated Parking Brake)	_____ x _____
d. Air Dryer w/Heater Bendix AD-9 (or equivalent), Standard Location	Yes	_____ Yes _____ No
e. trailer connections, 4 wheel w/ hand control valve and tractor connection valve, for straight trucks	Yes	_____ Yes _____ No
f. Air Compressor, 13.2 CFM Bendix Tu-Flo 550 or equivalent	Yes	_____ Yes _____ No
g. Slack Adjusters, Front Automatic	Haldex	_____ Specify
h. Slack Adjusters, Rear Automatic	Haldex	_____ Specify
i. Anti Lock Brake System	Bendix Four Channel	_____ Specify
j. Dust Shields front & rear	Yes	_____ Yes _____ No
k. Dual Air tank location	Under Passenger Door Step	_____ Yes _____ No
l. Air tank Drain Valve, manual with pull chain	Berg	_____ Yes _____ No
3.04 Steering		
a. Steering Column - Tilting and Telescoping	Yes	_____ Yes _____ No
b. Steering Gear Dual Power	2 - Shepard M-100 /M80	_____ Specify
c. Steering Wheel 2-Spoke, 18" diameter	Yes	_____ Yes _____ No
3.05 Exhaust System		
a. Switchback Horizontal After-treatment Device Vertical tail pipe, aluminized steel; includes tail pipe guard, curved top stack, turnback type	Yes	_____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
b. Frame mounted exhaust, right side	Yes	_____ Yes _____ No
d. Bidder has verified required frame clearances for muffler, tail pipe and stack with plow and wing equipment supplier	Yes	_____ Yes _____ No

3.06 Electrical Systems

a. 12 Volt System Standard Equipment	Yes	_____ Yes _____ No
b. Fully multiplexed electrical system with an electronic system controller w/ Data Link Connector for in Cab Vehicle Programming & Diagnostics	Yes	_____ Yes _____ No
c. USB Power Port	Yes	_____ Yes _____ No
d. Alternator, Heavy Duty, brush Type pad mount with remote sense 12 Volt; 210 amp capacity	Leece Neville AVI160P2007	Specify _____
e. Circuit Breakers, Auto Reset (Main Panel) SAE Type III, with Trip Indicators, Replaces all Fuses except 5 amp fuses	Yes	_____ Yes _____ No
f. Running Lights - (2) Daytime for United States	Yes	_____ Yes _____ No
g. 2-way radio accommodation package wired to Center Headboard Console 20 amp fuse protection Ignition wire w/ 5 amp fuse	Yes	_____ Yes _____ No
h. Remote engine speed control.	Yes	_____ Yes _____ No
i. Cab-floor access with Removable plug for running wiring into the cab.	Yes	_____ Yes _____ No
j. Roof light accommodation package with in-dash switches and pre wired connectors in the roof panel	Yes	_____ Yes _____ No
k. LED Roof Marker Lamps	Yes	_____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
l. Plow light accommodation package with wiring & 5.0' auxiliary harness for the plow lights to the front of the frame and logic for disabling	Yes	_____ Yes _____ No
m. Remote power module, switch, body circuits, MID for Bodybuilder, 6 momentary switches in instrument panel; one power module with 6 channels, 20 amp max. per channel, 80 amp max output, switches control power module through multiplex wiring, mounted in cab behind drivers seat.	Yes	_____ Yes _____ No
n. Remote air module with four factory-installed switches with body builder connectors mounted on the frame for pneumatic devices	Yes	_____ Yes _____ No
o. Body Builder Wiring back of cab, includes sealed connectors for tail/amber turn/marker/backup/accessory power/ground and sealed connector for stop/turn Extra taillight wiring option with 8 foot extra tail light harness for relocation of the taillights to point other than on the rear of the frame.	Yes	_____ Yes _____ No
p. Low Oil Pressure/High Coolant Temperature; light and Audible Alarm	Yes	_____ Yes _____ No
q. Electronic Back-up Alarm	102 dBA	_____ Yes _____ No
r. Wiring shall be stranded type & conform to SAE J1128	Yes	_____ Yes _____ No
s. All circuits shall be properly fused for wire size & components; no splices or junctions between junction box and components	Yes	_____ Yes _____ No
t. Individual wire shall be identified by number and color code	Yes	_____ Yes _____ No
u. All stop, direction & clearance lights shall be mounted as specified by the Federal Motor Vehicle Safety Standard	Yes	_____ Yes _____ No
v. All wiring shall be flame-proof in polytube and lamps shall be vapor proof, shock mount type and shall form a sealed system	Yes	_____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
w. Horn, Air, Single Trumpet Air Solenoid Operated	Yes	_____ Yes _____ No
x. Trailer Connection Socket, 7-Way; mounted @ Rear of Frame. Wired for turn signals combined w/ stop & compatible trailers w/ combined stop, tail, turn lamps.	Yes	_____ Yes _____ No
y. Second Power Source, Cigar Type	Yes	_____ Yes _____ No
z. Battery System, Maintenance Free,	Three (3) 12-volt 2775 CCA	Specify: _____
aa. Battery disconnect switch	Yes	_____ Yes _____ No
bb. Radio, AM/FM/WB/Clock/Bluetooth/USB Input/ 3 MM Aux Input, MP3, Apple Device Play & Contol, Bluetooth for phone and music; Four (4) Coaxial Speakers	International	Specify: _____

3.07 Front End

a. Spring Loaded Hood Tilt Assist	Yes	_____ Yes _____ No
b. Stationary Grille w/ Bug Screen mounted behind grille	Yes	_____ Yes _____ No
c. Hood service access hatch	Yes	_____ Yes _____ No
d. Cross-over air intake	Yes	_____ Yes _____ No
e. Grille / Radiator Stone Guard and headlight shrouds	Chrome Finish	_____ Yes _____ No

3.08 Engine

a. Engine, Diesel	Navistar N9	_____ specify
Engine Displacement	9.0 Liter	_____ Liter
Vocational Service	Yes	_____ Yes _____ No
Wet Sleeved 6 Cylinders	Yes	_____ Yes _____ No
b. Horsepower	330 HP @2000 RPM	_____ HP @ _____ RMP
Torque	950 lb-ft@ 1200 RPM	_____ lb-ft @ _____ RPM
Governed RPM Speed;	2200	_____ RPM

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
c. 4 valves per cylinder		_____ valves / cylinder
d. Premium (Red) Anti-Freeze Extended Life w/ coolant filter	- 40°F	_____ Yes _____ No _____ °F
e. Cruise Control, Electronic	Yes	_____ Yes _____ No
f. Governor, Electronic	Yes	_____ Yes _____ No
g. Radiator - Cross Flow, Alum. Radiator core, Charge Air cooler w/ Transmission Oil Cooler	Yes 1228 sq. in. 648 sq. in. Yes	_____ Yes _____ No Specify: _____ Specify: _____ _____ Yes _____ No
h. Oil Sump	26 Quart	Specify: _____
i. Starting Motor, 12 Volt, gear reduced, thermal overcrank protection	Delco Remy 39MT	Specify: _____
j. Throttle, Hand Control Electronic Instrument Panel Mounted	Yes	Specify: _____
k. Fan Drive, Two Speed Direct Drive w/ residual torque device for disengaging fan speed	Yes	Specify: _____
l. Fan, 26 inch Diameter;	Nylon	Specify: _____
m. Factory installed provision for front mounted Direct Drive Pump	Yes	_____ Yes _____ No
n. Dash Mounted Air Restriction Gauge	Yes	_____ Yes _____ No
o. Dual-element air cleaner w/ snow valve	Yes	_____ Yes _____ No
p. Radiator hose material Ethylene Propylene Diene Monomer (EPDM) w/ an Aramid fiber reinforcement layer	Yes	_____ Yes _____ No
q. Powder-Coated Oil Pan	Yes	_____ Yes _____ No
r. Driveshaft	Dana Spicer SPL170XL	Specify _____

3.09 Transmission

- | | |
|--|-----------------------|
| a. Automatic, Wide Ratio; 6 Speed,
with PTO Gear and less Retarder, | Allison
3500 RDS P |
|--|-----------------------|

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
5 TH Gen. Controls, 6-Speed, Double Overdrive, 80,000 lb. GVW & GCW, On/Off Highway, Oil Level Sensor		_____ Specify
b. Allison WT Spare Input / Output	yes	_____ Yes _____ No
c. Transmission Oil	Castrol TranSynd	_____ Specify
d. Transmission Oil Pan Magnet in Oil Pan	yes	_____ Yes _____ No
e. Auxiliary Cooler for transmission	Yes	_____ Yes _____ No
f. Remote Oil Filter	Yes	_____ Yes _____ No
g. Transmission Oil Temperature Gauge	Yes	_____ Yes _____ No
h. Shift Lever	Dash Mounted Push Button	_____ Yes _____ No
i. Allison S-1 Performance Programming Primary, Allison Fixed Programming Secondary	Yes	_____ Yes _____ No

3.10 Rear Axle & Suspensions

a. Single Reduction Rear Axle 26,000 lbs capacity	Dana Spicer S-26-190	_____ Specify
b. Rear Springs, vari-rate, Total Cap.	31,000 Lbs.	_____ Capacity
c. Auxiliary Multi-Leaf Spring	4,500 Lbs.	_____ Capacity
d. Rear Axle Drain Plug	magnetic	_____ Yes _____ No
e. Rear Axle Lube	EmGard 75W-90	_____ Specify

3.11 Fuel Tanks

a. Fuel Tank - top draw, mounted left side under cab. 70 U.S. Gal	Aluminum 26" Diameter Capacity	_____ Yes _____ No _____ Yes _____ No _____ U.S. Gal.
b. Def Tank	9.5 U.S. Gal.	_____ U.S. Gal.
c. Fuel / Water Separator w/ Heat Element	Racor 8 Element 250 Watt	_____ Specify _____ Watts

3.12 Cab

- | | | | |
|----|--|--|------------------------------------|
| a. | Cab, Conventional, Steel | Material Type | _____ |
| | 107" BBC | Specify | _____ in. |
| | Air Mount Suspension Cab | Yes | _____ Yes _____ No |
| b. | Glass, All Windows Tinted, | Yes | _____ Yes _____ No |
| | Operating Vent Windows | Yes | _____ Yes _____ No |
| c. | Electric Heated Windshield
controlled by heated mirror switch | Yes | _____ Yes _____ No |
| d. | Premium interior trim | Yes | _____ Yes _____ No |
| e. | Color Pearl Gray | Yes | _____ Yes _____ No |
| f. | Mirrors - Two (2) Rectangular, 7.09" x 15.75" &
Integral Convex Both Sides, 102" Inside Spacing,
Breakaway Type, Heated Heads Thermostatically
Controlled, Power Both Sides,
Clearance Lights LED,
Bright Finish Heads & Brackets | Lang Mekra 16SDU | _____ Specify |
| g. | Gauge Cluster, English with
English Electronic Speedometer
with Tachometer | Yes | _____ Yes _____ No |
| h. | Hour meter, Electronic; mounted
in Cluster | Yes | _____ Yes _____ No |
| i. | LED Backlight for switches | Yes | _____ Yes _____ No |
| j. | Windshield Wipers, 2-Speed &
Variable Intermittent Setting, Electric | Yes | _____ Yes _____ No |
| k. | Seat, Driver: Air Suspension
Seat # 50060.43,
Driver Seat Armrest #231141-43R
Gray, High Back, Cloth, with
Power air lumbar support;
Front Cushion Adjustment and
-3 to 14 deg. Seat Back Adjustment | National
2000 Model
Premium Series | _____ Specify
seat and armrests |
| l. | Seat, Passenger:
Stationary, High Back
with Box for Body Builder Power Supply | National | _____ Specify |

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
m. Seat Belt, 3-Point, lap and shoulder belt type	Yes	_____ Specify
n. Exterior Sun Visor	Yes	_____ Yes _____ No
o. Dual Interior Sun Visors	Yes	_____ Yes _____ No
p. Interior Cab Lights	Yes	_____ Yes _____ No
q. Heater with Defroster	Yes	_____ Yes _____ No
r. Air Conditioning w/ a/c recirculation switch	Yes	_____ Yes _____ No
s. Hood liner insulation w/ double firewall insulation	Yes	_____ Yes _____ No
t. Left & Right Hand Electric Window	Yes	_____ Yes _____ No
u. Silencer Package for Cab	Yes	_____ Yes _____ No
v. Rubber Fender Extensions	Yes	_____ Yes _____ No

3.13 Wheels and Tires

- | | | |
|---|--|---|
| a. Front Disc; 22.5" 10 Stud
(285.75 mm Bolt Circle),
Hub Piloted, Steel Hubs, White
Painted Steel, 9.00 DC Rims | Accuride | _____ Specify |
| b. Rear Dual Disc; 22.5" 10 Stud
(285.75 mm Bolt Circle),
Hub Piloted, Steel Hubs, White,
Powder Coat,
Paint, Steel, 8.25 DC Rims | .472" Thick
Increased Capacity
Disc & Steel Hubs

Accuride | _____ Yes _____ No

_____ Specify |
| c. Wheel Seals, Front | Oil-Lubricated
Wheel Bearings
(International) | _____ Specify |
| d. Front Tires, tubeless
(2 each) | 315/80R 22.5 – Load Range L
Michelin XYZ 3 | _____ Specify |
| e. Rear Tires, tubeless
(4 each) | 11R 22.5 - Load Range H
Michelin XDE M/S | _____ Specify |

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
f. 1 Spare Rim Front & 1 Spare Rim Rear to match above specifications	Yes	_____ Yes _____ No
3.14 Accessories		
a. Fire Extinguisher (Dry Chemical)	10 lb.	_____ lb.
b. Digital Manuals all on CD:		
Supply one operator manual	Yes	_____ Yes _____ No
Supply one shop maintenance manual	Yes	_____ Yes _____ No
Supply one electrical wiring diagram	Yes	_____ Yes _____ No
Supply one hydraulic piping diagram and parts manual	Yes	_____ Yes _____ No
Supply one shop drawing of vehicle frame	Yes	_____ Yes _____ No
c. Flag & Flare Kit	Yes	_____ Yes _____ No
d. First Aid Kit	Yes	_____ Yes _____ No
e. Minimizer 2260 Fender, black with B100BTPA Plastic bolt-on Bracket Kit Rear Mud Flaps Back of Rear Fender	Yes	_____ Yes _____ No
f. 5 Ton Swivel Style Pintle Hook with 2" ball & Mounting Plate; centerline mounted 22" above ground	Balkamp PN 69972 or NAPA PN BK 8271514 Yes—	_____ Yes _____ No
g. 7 way light plug RV Style with flat blades, wire loom covering for electrical wires	Yes	_____ Yes _____ No
3.15 Hydraulics		
a. Front mounted pump for plow, sanding, and dump hoist; continuous duty	Cassappa Load Sense / Rexroth Load Sense Hydraulic Pump 7 - Load Sense Valves	_____ Specify _____ Yes _____ No
b. Reservoir	40 gal	_____ Specify
c. Pump Capacity	42 gpm @ 2000 rpm	_____ Specify
d. Lines routed & properly supported to provide maximum service life	Yes	_____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
e. High Pressure ½" dia. stainless steel hydraulic lines to front and rear designed to withstand four times system pressure, mount in shock resistant brackets	Yes	_____ Yes _____ No
f. Hydraulic Hose Ends, two piece crimped style	Yes	_____ Yes _____ No
g. Stainless Steel Quick Disconnect Hydraulic Couplings at Front and Rear of truck for sander, plow and wing	Stainless Steel	_____ Yes _____ No
	Yes	_____ Yes _____ No
h. Provide Coupling Dust Caps on Retaining Chains	Yes	_____ Yes _____ No
i. Quadco Cab Controls with stainless steel cables	Yes	_____ Yes _____ No
j. In-line spin-on hydraulic filter	10 micron max.	_____ Specify
k. 2" shut off valve installed on suction line	Yes	_____ Yes _____ No
l. Low level hydraulic oil sensor wired to in cab warning light	Yes	_____ Yes _____ No
m. Visual hydraulic level gauge on tank with guard & stainless steel hardware	Lenz 5" LLG or equal	_____ Yes _____ No

3.16 Side Dump Body

a. Side Dump Body	Tenco 12M TCB-10-T-A MG QS-100-CT	_____ Specify
b. All Standard Body and Hoist Equipment Included	Yes	_____ Yes _____ No
c. Dump Body 20 Ton Telescopic Hoist Single Acting (power up)	Yes	_____ Yes _____ No
d. Front and side piston rods nitrated	Yes	_____ Yes _____ No
e. 25:1 gear box with speed sensor	Yes	_____ Yes _____ No
f. Sides and Front panels 180,000 psi steel	Yes	_____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
g. Side dump body factory primed and urethane top coat applied by body supplier, color Omaha Orange		
h. 3 extended greasing points on floor hinge	Yes	_____ Yes _____ No
i. Centralized grease set	Yes	_____ Yes _____ No
j. Cab Shield mounted pre-wetting liquid spray system, 80 gal. min. equal to Swenson Spreader system	Yes	_____ Yes _____ No
k. Coal Door Driver's side	Yes	_____ Yes _____ No
l. Air Release Tailgate	Yes	_____ Yes _____ No
m. Fold up ladder for body access	Yes	_____ Yes _____ No
n. LED Strobe, Stop Turn and Tail Light inset of rear dump body post	Yes	_____ Yes _____ No
3.18 Dump Body Cover		
a. Dump Cover: Electric covering system fully automatic to be operated from in cab	Donovan Bullet w/ aluminum arms	_____ Yes _____ No
b. Bent Pivot Arm Extensions	Yes	_____ Yes _____ No
c. Mesh Tarp Material	Yes	_____ Yes _____ No
d. Wind deflector	Yes	_____ Yes _____ No
3.19 Plow Gear		
a. Provide full specifications and pictures illustrating details of reversible highway model being bid. Provide specifications on front post, other braces and supports, rear attachment, plow harness, hydraulic cylinders, push arms, hydraulic lines, front mounted pump, tilt hitch, quick detachable hitch and any other attachments needed for complete assembly. Plow and wing painted orange, hitch and gear painted black.		
b. Universal quick disconnect front hitch with 4-inch front cylinders and full power hydraulic system with in-cab controls, control valves Power Tilt	Everest / Tenco yes	_____ Specify _____ Yes _____ No

<i>Specification Description</i>	<i>Minimum Required</i>	<i>Bidder to Supply</i>
c. Front Wing Post High Lift Patrol Wing Unit,	Tenco Model H48 American Model PS4-20	_____ Specify
High Wing Shelving Capability Full Hydraulic Operation	46" Yes	_____ Specify _____ Yes _____ No
d. Rear Wing Attachment High Lift Patrol Wing Unit,	Tenco Model H48 American Model PS4-20	_____ Specify
High Wing Shelving Capability Full Hydraulic Operation	46" Yes	_____ Specify _____ Yes _____ No
e. Cylinder Arms	Yes	_____ Yes _____ No
f. Front Mounted Pump	Yes	_____ Yes _____ No
g. Full Plow Lights with individual switch.	Halogen	_____ Yes _____ No
h. Wing Working Light	Yes	_____ Yes _____ No
i. Spinner Light	Yes	_____ Yes _____ No

3.20 Plow

- | | | |
|--|----------------------------------|--------------------|
| a. 11' Moldboard Power Reverse
Trip Edge Plow Highway Style | Equal to
American MC960-RR85 | _____ Specify |
| b. Plow Height | 28" intake
56" discharge | _____ Specify |
| c. Reversible Plow | 35 degree
power reversible | _____ Yes _____ No |
| d. Plow Trip Edge | Full Trip | _____ Yes _____ No |
| e. Plow trip springs | 4 – 3/4" dia.
torsion springs | _____ Specify |
| d. One (1) - 11' Cutting Edge
3/4" x 6" carbide steel | Yes | _____ Yes _____ No |
| e. One (1) - 11' Cover Edge
5/8" x 6" gr. 1090 carbon steel | Yes | _____ Yes _____ No |
| f. Highway Punch hole pattern | Yes | _____ Yes _____ No |
| g. Cable leveling system for plow | Yes | _____ Yes _____ No |

3.21 Wing

- | | | | |
|----|---|--|--------------------|
| a. | 10' Moldboard wing | Tenco TCW-10S-38-N-R
American 11 DRA 38 | _____ Specify |
| b. | Full Trip Wing | min 30 deg. Trip
Rubber Timbren Spring | _____ Specify |
| c. | One (1) - 10' Cutting Edge
3/4" x 6" carbide steel | Yes | _____ Yes _____ No |
| d. | One (1) - 10' Cover Edge
5/8" x 6" gr. 1090 carbon steel | Yes | _____ Yes _____ No |
| e. | Highway Punch hole pattern | Yes | _____ Yes _____ No |

3.22 Spreader Controls

- | | | | |
|----|---|--------------------------------------|--------------------|
| a. | Provide and install complete
3 knob dial system for Spreader
– Liquid / Granular Control with
Ground Speed Sander Control, | Cirus
EZ Spread 3 CGS
or equal | _____ Specify |
| b. | Electric Sander Valve
w/ separate cartridges
for chain and spinner | yes | _____ Yes _____ No |
| c. | Tenelene chute w/ Stainless Steel hardware
Adjustable Urethane Spinner Disc | yes | _____ Yes _____ No |
| d. | Mounted and fully operational | yes | _____ Yes _____ No |

3.23 Light System

- | | | | |
|----|---|-----|--------------------|
| a. | 2 – ECCO #6770A Strobes - Front
each corner of top of cab protector
mounted on steel plate
w/ wiring and control for strobes; | Yes | _____ Yes _____ No |
| b. | Rear mounting oval sealed lightheads;
lighthead recessed in post, Oval light head lenses,
7" x 3", with amber strobe, white back up light,
red brake/tail/turn signal, all LED | Yes | _____ Yes _____ No |
| c. | All light system wiring with thermoplastic rubber cables
14 gauge conductors and
waterproof connectors | Yes | _____ Yes _____ No |
| e. | All lights DOT Spec, with front and rear strobes
on the same dash mounted switch. | Yes | _____ Yes _____ No |

END OF SECTION

BID LIST - SINGLE AXLE DUMP TRUCK

<p>HP Fairfield ATTN: Travis Baker 65 Pleasant Hill Rd, Scarborough, ME 04074 (207) 399-4501 travisbaker@hpfairfield.com</p>	<p>Messer Truck Equipment ATTN: Bob Tardiff 170 Warren Avenue Westbrook, ME 04092 (207) 415-3127 bobt@messertruckequipment.com</p>
<p>Viking Cives of Maine ATTEN: Tim Ireland 2085 Lisbon Road Lewiston, ME 04240 (207) 624-1928 tireland@vikingcives.com</p>	<p>Liberty International Trucks of New Hampshire, LLC. ATTEN: Jim Ramsay 132 Pierce Rd Barrington, NH 03825 (603) 905-9036 jim@libertyinternationaltrucks.com</p>
<p>Portland North Truck Center ATTN: Richard Morrison 110 Gray Road Falmouth, ME 04105 (207) 797-8080 richardmorrison@pntc.net</p>	<p>Daigle and Houghton ATTEN: Ryan Daigle 571 Coldbrook Road Hermon, ME 04401 (207) 941-9600 rdaigle@daigleandhoughton.com</p>
<p>Freightliner and Western Star of Maine ATTEN: Brian Hallowell Equipment Sales 10 Terminal Street Westbrook Maine 04092 (207) 591 1975 bhallowell@freightlinerofmaine.com</p>	